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(54) OPTICAL INFORMATION RECORDER AND OPTICAL INFORMATION RECORDING METHOD

(ST) Abstract

PROSLEM TO BE SOLVED: To estally make visible characters and images recordable by transforming position information by a polar coordinate based on the notational center of an optical information recording medium into position information by an orthogonal coordinate and changing the light quantity of a baser beam according to picture data by making the position information by the orthoghonal coordinate addresses.

SOLUTION: A spindle motor 4 rotatingly drives a master plate 2 to cutput an FG signal FG whose signal level is raised every time the disk 2 revolves by a prescribed angle to a spindle serve circuit 5 and an arthogonal coordinate position generating circuit 6 from an FG signal generator held at the bottom part of the motor. The circuit 6 generates position information expressing an exposure position by the polar coordinate based on the recational center of the master plats 2 on the basis of the FG signal FG. Moreover, the circuit 6 transforms the position information by the polar coordinate into the position information by the orthogonal coordinate and generates position information X and Y expressing

KORAYASHI BELII the exposure position to the master plate 2 by the

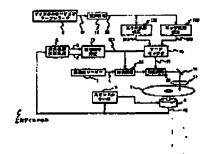
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orthogonal coordinate.

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